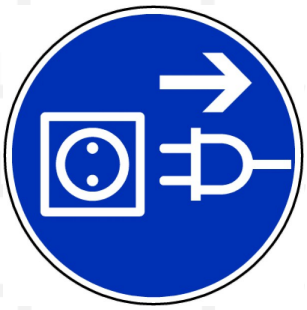
Korg 01/W FD,Pro, ProX, 01/RW

Mounting instruction for new LCD-Displa's
with LED Backlight

1. SAFETY INSTRUCTION



Unplug the power cord
before opening the device

2. PRACTICAL TIPS

TEST THE DISPLAY BEFORE STARTING THE FINAL ASSEMBLY

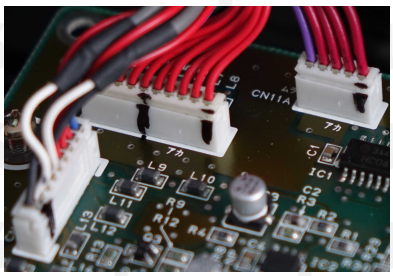
The final assembly of the display is very complex. First you should test the display, to exclude transport damage. For most instruments, you can get to the ribbon cable of the display after removing the instrument cover and stick it out. Now you can connect the new display as a test. When the instrument is turned on, an indication should appear on the display immediately. The new display is hard to read in the test because the contrast setting is off. This is remedied by point 3.2 of the manual.

YOUTUBE AS SUPPORT

If you are not sure, look for mounting videos on Youtube. There you will find clips how to demonstrating the disassembly of your instrument.

DETAILED PHOTOS DURING THE DISASSEMBLY

Take detailed photos while disassembling your device.
This facilitates the assembly later.

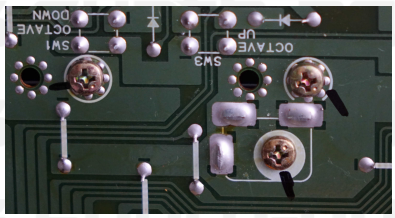


MARK ALL CABLES

Mark all the cable connections with a marker, so that the sockets and connectors have a unique line. This makes it clear later, to find the right connection for the cable.

MARK ALL HOLES

If your make a mark during disassembly at the drilled hole of each screw, then you will know later during the assemnly: No mark – no screw.



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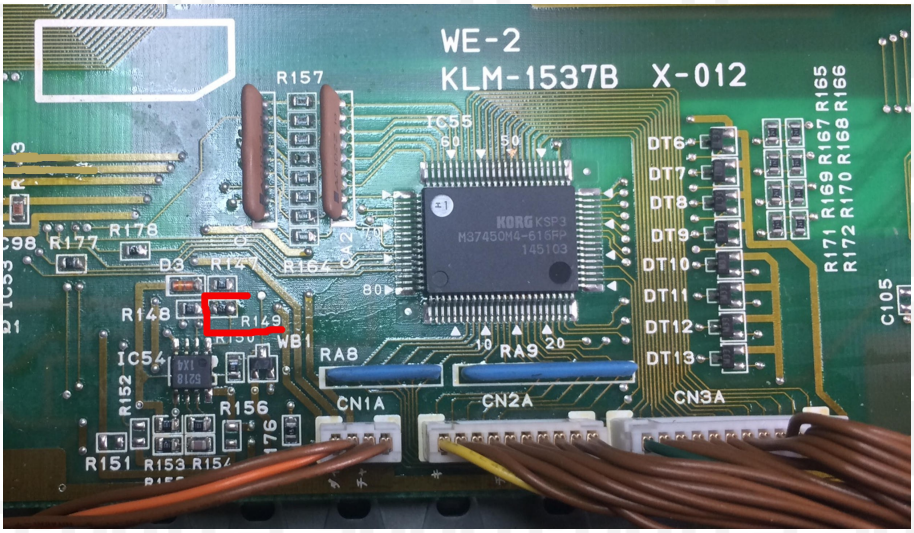
3. INSTRUCTIONS FOR INSTALLATION

3.1 REPLACING THE DISPLAY MODULE

The new display with LED backlight is ready for installation with **only one Ribbon cable** supplied. The backlight is also powered by this ribbon cable. This eliminates the second, two-wire cable and the green ground cable to the display.

3.2 ADJUSTING THE CONTRAST ADJUSTMENT

The contrast setting must be adjusted. Please replace the resistor R149 on the KLM1537 board with the enclosed SMD resistor.



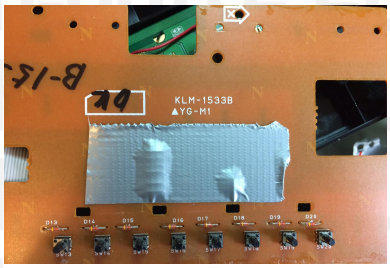
01/W	KLM1537	**Rackversion**:
01/W FD	KLM1528	01R/W KLM1567 → R123 replace
01/W Pro/X	KLM1589	

3.3 MECHANICAL HINTS

The new display is slightly higher than the original display. Place the supplied washers between the frames on which the display is mounted. Then place the display on the frame and tighten with the old screws. This prevents the board of the new display from bending. This will damage the display.

3.4 COVERING WIRE BRIDGES – KLM1533

Since space may be limited, cover the exposed wire bridges on the KLM1533 board with adhesive tape.



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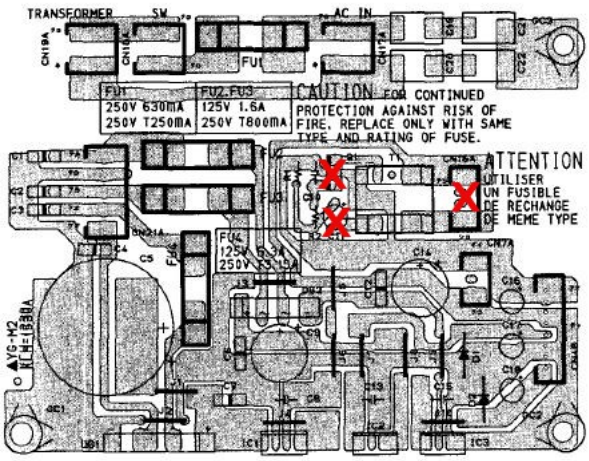
4. DISASSEMBLE DISTURBING PARTS

For the old display with EL-foil a separate 120 Volt AC voltage was generated (transformer), which is no longer needed. In many cases a **high-frequency noise** is generated here. This area should be taken out of operation. The cable connection from the display to the transmitter is inevitably omitted when replacing the display.

KLM-1530



Power supply board KLM1530:
X - Remove the cable CN16A to the display and the two components Transistor Q1 and the capacitor C11. The high voltage part is now out of operation.

Rack version 01R/W
Power supply board KLM 1580 / KLM1581:
X - Remove the cable CN7A to the display.
O - Remove Transitor Q3 and capacitor C29.

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